

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 9. (Canceled).

10. (New) A sealing device for sealing a gap between a rotor and a stator, comprising:

a honeycomb seal including a plurality of honeycomb seal cells assigned to the stator, the honeycomb seal cells separated from one another by walls;

wherein at least the walls of the honeycomb seal cells that extend transversely to a direction of rotation of the rotor are arranged radially at a slant in the direction of rotation of the rotor.

11. (New) The sealing device according to claim 10, wherein the sealing device is arranged as a sealing device for a gas turbine.

12. (New) The sealing device according to claim 10, wherein the sealing device is arranged as a sealing device for an aircraft engine.

13. (New) The sealing device according to claim 10, wherein the sealing device is adapted to seal at least one of (a) a gap between radially inside ends of fixed vanes and the rotor and (b) a gap between radially outer ends of rotating rotor blades and a fixed housing.

14. (New) The sealing device according to claim 10, wherein the walls of the honeycomb seal cells that extend transversely to the direction of rotation of the rotor are arranged radially at a slant in the direction of rotation of the rotor such that edges of the walls that face the rotor are offset with respect to edges of the walls in the direction of rotation of the rotor.

15. (New) The sealing device according to claim 14, wherein the edges of the walls facing the rotor and the edges of the walls facing away from the rotor extend in straight lines.

16. (New) The sealing device according to claim 14, wherein at least one of (a) the edges of the walls facing the rotor and (b) the edges of the walls facing away from the rotor are one of (a) curved and (b) arched.

17. (New) The sealing device according to claim 16, wherein arching of the walls is in the direction of rotation of the rotor.

18. (New) The sealing device according to claim 10, wherein in addition to the walls of the honeycomb seal cells that extend transversely to the direction of rotation of the rotor, the walls of the honeycomb seal cells that extend in the direction of rotation of the rotor are also placed at a slant.

19. (New) The sealing device according to claim 18, wherein edges of the walls facing the rotor are offset with respect to the edges of the walls facing away from the rotor.

20. (New) The sealing device according to claim 19, wherein the edges of the walls facing the rotor and the edges of the walls facing away from the rotor extend in straight lines.

21. (New) The sealing device according to claim 19, wherein at least one of (a) the edges of the walls facing the rotor and (b) the edges of the walls facing away from the rotor are one of (a) curved and (b) arched.